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ATTY. DOCKET NO.
TPP 30565A

SERIAL NO.
09/886,375

APPLICANT
Shin-ichi KUMAMOTO et al.

FILING DATE
June 22, 2001

GROUP
1755

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JP</i>	4 2 4 2 2 3 1	12/30/80	UENO et al.			
<i>JP</i>	4 3 9 9 0 5 5	8/16/83	MATSUURA et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>JP</i>	0 1 0 6 1 4 1	4/25/84	EP			
<i>JP</i>	0 5 5 3 8 0 6	8/4/93	EP			
<i>JP</i>	9 7 4 5 4 6 0	12/4/97	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JP</i>	60-101105, Japanese Patent Abstract published 5/6/85, Miyoshi
<i>JP</i>	63-215702, Japanese Patent Abstract published 8/9/88, Kawai

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<i>JP</i>	4 8 2 2 7 6 3	04/89	Matsuura et al			06/18/87
<i>JP</i>	4 6 1 7 2 8 4	10/86	Matsuura et al			05/28/85
<i>JP</i>	4 5 5 1 4 3 9	11/85	Harada et al			02/11/85

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JP</i>	0 0 8 7 1 0 0	08/83	EP				
<i>JP</i>	1 9 7 2 7 0 6 5	01/98	DE				
<i>JP</i>	0 3 1 7 2 0 0	05/89	EP				
<i>JP</i>	0 2 3 0 7 0 7	08/87	EP				
<i>JP</i>	0 5 0 4 7 4 4	09/92	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JP</i>	Patent Abstracts of Japan, vol. 013, no. 003, 6 January 1989
	Database WPI, Derwent Publications Ltd., London, GB; AN 1989-352205, XP002174263, 19 October 1989
	Patent Abstracts of Japan, vol. 009, no. 241, 27 September 1985

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JP</i>	3 6 4 2 7 4 6	02/72	Kashiwa et al			07/25/69
<i>JP</i>	4 2 9 8 7 1 8	11/81	Mayr et al			10/14/75
<i>JP</i>	4 2 2 3 1 1 7	09/80	Sano et al			04/10/78
<i>JP</i>	4 1 0 7 4 1 3	08/78	Giannini et al			03/21/77
<i>JP</i>	4 1 5 7 4 3 5	06/79	Toyota et al			08/02/76
<i>JP</i>	4 4 1 2 0 4 9	10/83	Shiga et al			01/10/83
<i>JP</i>	4 6 7 2 0 5 0	06/87	Sasaki et al			03/20/86
<i>JP</i>	5 9 6 5 4 7 8	10/99	Goto et al			
<i>JP</i>	6 0 2 8 1 4 9	02/2000	Luciani et al			
<i>JP</i>	5 5 5 6 8 2 0	09/96	Funabashi et al			
<i>JP</i>	5 7 4 4 4 1 4	04/98	Jenny			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
<i>JP</i> 1 4 9 8 8 6 2	01/78	GB			

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